



## SD6C220S/230S-HN

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2Mp Full HD 20x/30x Network IR PTZ Dome Camera



### Features

- 20x/30x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP66
- IR Distance up to 100m

## SD6C220S/230S-HN

### Technical Specifications

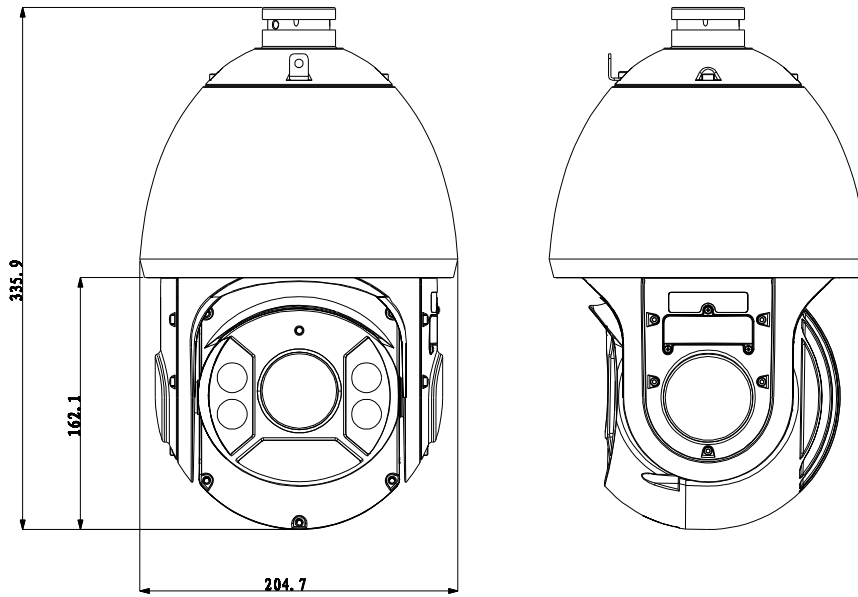
Model	SD6C220S-HN	SD6C230S-HN
<b>Camera</b>		
Image Sensor	1/2.8" Exmor CMOS	
Effective Pixels	1920(H) x 1080(V)	
Scanning System	Progressive	
Electronic Shutter Speed	1/1 ~ 1/30,000s	
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6	
S/N Ratio	More than 50dB	
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC	
<b>Camera Features</b>		
Day/Night	Auto(ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)	
White Balance	Auto, ATW, Indoor, Outdoor, Manual	
Gain Control	Auto / Manual	
Noise Reduction	Ultra DNR (2D/3D)	
Privacy Masking	Up to 24 areas	
Digital Zoom	16x	
<b>Lens</b>		
Focal Length	5.5mm ~ 110.0mm (20x Optical zoom)	4.3mm~129mm (30x Optical zoom)
Max Aperture	F1.6 ~ F3.5	F1.6 ~ F5.0
Focus Control	Auto / Manual	
Angle of View	H: 51° ~ 2.60°	H: 65.1° ~ 2.34°
Close Focus Distance	100mm~ 1000mm	
<b>PTZ</b>		
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°, auto flip 180°	
Manual Control Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~120° /s	
Preset Speed	Pan: 240° /s; Tilt: 200° /s	
Preset	80(DH-SD), 255(Pelco-P/D)	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Speed Setup	Human-oriented focal length/ speed adaptation	
Power up Action	Auto restore to previous PTZ and lens status after power failure	
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period	
Protocol	DH-SD, Pelco-P/D (Auto recognition)	
IR Distance	100m (2 near IR LED+ 4 far IR LED)	
<b>Video</b>		
Compression	H.264 / MJPEG	
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/ 704×480) /CIF	

## SD6C220S/230S-HN

		(352×288/352×240)
Frame Rate	Main Stream	1080P/ D1 (1 ~ 25/30fps), 720P(1~50/60fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)
Bit Rate		H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps
<b>Audio</b>		
Compression		G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface		1/1 channel In/Out
<b>Network</b>		
Ethernet		RJ-45 (10/100Base-T)
Protocol		IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Compatibility		ONVIF PSIA CGI
Max. User Access		20 users
Smart Phone		iPhone, iPad, Android, Windows Phone
<b>Auxiliary Interface</b>		
Memory Slot		Micro SD, Max 64GB
RS485		1
Alarm		2/1 channel In/Out
<b>General</b>		
Power Supply		AC 24V/3A (±10%)
Power Consumption		10.5W, 26W (IR on, Heater on)
Working Environment		-40°C ~ 60°C / Less than 90% RH
Ingress Protection		IP66
Dimensions		Φ204.7(mm) x 359.9(mm)
Weight		7.8kg

# SD6C220S/230S-HN

## Dimensions (mm)



## Accessories

DH-PFB303W	DH-PFA111	Power Supply

## Accessories (Optional)

PFB300C	PFA112	PFA113	PFA120	PFA150	PFA151